

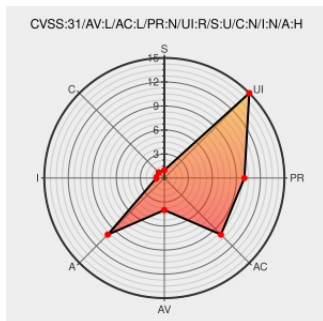


# CVE-2022-44313

Published on: Not Yet Published

Last Modified on: 11/08/2022 09:56:00 PM UTC

## CVE-2022-44313

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [PicoC](#) from [PicoC Project](#) contain the following vulnerability:

PicoC Version 3.2.2 was discovered to contain a heap buffer overflow in the ExpressionCoerceUnsignedInteger function in expression.c when called from ExpressionParseFunctionCall.

CVE-2022-44313 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>NONE</b>         | <b>HIGH</b>         |

## CVE References

| Description                                                                                                | Tags                                                    | Link                                                                          |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------|
| Multiple Heap Buffer Overflows in PicoC at Various Locations (#48) · Issues · Zik Saleeba / picoc · GitLab | <a href="#">gitlab.com</a><br><a href="#">text/html</a> | <a href="#">MISC</a><br><a href="#">gitlab.com/zsaleeba/picoc/-/issues/48</a> |
| Multiple Heap Buffer Overflows in PicoC at Various Locations · Issue #37 · jpoirier/picoc · GitHub         | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC</a><br><a href="#">github.com/jpoirier/picoc/issues/37</a>   |

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to [comment@cve.report](mailto:comment@cve.report).

There are currently no QIDs associated with this CVE

| Known Affected Configurations (CPE V2.3)                                                      |                                                                                                                                                                                                          |         |                           |        |         |                     |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------------------------|--------|---------|---------------------|
| Type                                                                                          | Vendor                                                                                                                                                                                                   | Product | Version                   | Update | Edition | Language            |
| Application                                                                                   | Picoc Project                                                                                                                                                                                            | Picoc   | 3.2.2                     | All    | All     | All                 |
| cpe:2.3:a:picoc_project:picoc:3.2.2:*:*:*:*:*.*                                               |                                                                                                                                                                                                          |         |                           |        |         |                     |
| No vendor comments have been submitted for this CVE                                           |                                                                                                                                                                                                          |         |                           |        |         |                     |
| Social Mentions                                                                               |                                                                                                                                                                                                          |         |                           |        |         |                     |
| Source                                                                                        | Title                                                                                                                                                                                                    |         |                           |        |         | Posted (UTC)        |
|  @CVereport   | CVE-2022-44313 : PicoC Version 3.2.2 was discovered to contain a heap buffer overflow in the ExpressionCoerceUnsign... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> |         |                           |        |         | 2022-11-08 15:05:35 |
|  @Robo_Alerts | Potentially Critical CVE Detected! CVE-2022-44313 PicoC Version 3.2.2 was discovered to contain a heap buffer overf... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> |         |                           |        |         | 2022-11-08 15:56:01 |
|  /r/netcve    | <a href="#">CVE-2022-44313</a>                                                                                                                                                                           |         |                           |        |         | 2022-11-08 15:38:45 |
| <a href="#">← Previous ID</a>                                                                 |                                                                                                                                                                                                          |         | <a href="#">Next ID →</a> |        |         |                     |